

## CLAIM AMENDMENTS

1 -- 15. (canceled)

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2        16. (currently amended) In combination with a ~~treatment~~  
3 ~~head of a tool machine and a member two relatively angularly~~  
4 ~~positionable relative to the treatment head of a machining~~  
5 ~~apparatus, an angularly indexable mount comprising:~~

6            a first coupling having

7            an outer ring element centered on an axis and having  
8            an axially directed outer array of a  
9            predetermined number of outer teeth and  
10          a [[n]] fixed inner element surrounded by the outer  
11          element, the outer element being [[and]]  
12          angularly displaceable relative [[there]] to  
13          the inner element about the axis, the inner  
14          element having an inner array of a  
15          predetermined number of inner teeth directed  
16          axially in the same direction as the teeth of  
17          the outer ring element, one of the elements  
18          being connected to ~~the treatment head~~ one of  
19          the parts and the other of the elements being  
20          connected to the member the other of the parts,  
21          the number of outer teeth of the outer element

22                         varying by more than one from the number of  
23                         inner teeth of the inner element;  
24                         a second coupling centered on the axis and having  
25                         an annular outer array of outer teeth engageable  
26                         axially with and complementary to the array of  
27                         outer teeth of the first coupling and  
28                         an inner array of inner teeth engageable axially  
29                         with and complementary to the array of inner  
30                         teeth of the first coupling, the arrays of the  
31                         second coupling being fixed angularly relative  
32                         to each other, the number of teeth of the  
33                         second-coupling outer array varying by more  
34                         than one from the number of teeth of the  
35                         second-coupling inner array; and  
36                         means for shifting the couplings relative to each other  
37                         between a disengaged position with the teeth of the first coupling  
38                         out of engagement with the teeth of the second coupling and a work  
39                         position with the outer teeth of the first and second couplings  
40                         elements meshing and the inner teeth of the first and second  
41                         couplings meshing such that a minimum resolution is produced from a  
42                         difference between difference of more than one tooth of the outer  
43                         and inner teeth of the first coupling.

1           17. (previously presented) The mount defined in claim  
2        16 wherein the teeth are uniformly angularly distributed in the  
3        respective arrays.

1           18. (previously presented) The mount defined in claim  
2        16 wherein the means can displace second coupling with respect to  
3        the first coupling by an amount proportional to the relative  
4        displacement of the two elements of the first coupling on change of  
5        relative position of the machine and tool head attached to the  
6        first-coupling elements.

19. (canceled)